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09/576462
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BOX PATENT APPLICATION
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DOCKET NUMBER: 22851-P001US

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Cliff Burke Thompson, David Kirby

For: SYSTEM AND METHOD FOR PROCESSING IMPORT/EXPORT TRANSACTIONS

Enclosed are:

- ☒ Patent Specification and Declaration
- ☒ 3 sheets of drawing(s)
- ☒ An assignment of the invention to CustomsPoint, Inc. (includes Recordation Form Cover Sheet).
- ☐ An associate power of attorney
- ☒ Verified Statement Claiming Small Entity Status

The filing fee has been calculated as shown below:

For	Number Filed	Number Extra	Rate Small Entity	Fee Small Entity
Basic Fee				\$ 345 00
Total Claims	26 - 20	6	x 9 =	\$ 54.00
Indep. Claims	4 - 3	1	x 39 =	\$ 39.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) PRESENTED			+ 130 =	\$ - 0 -
TOTAL				\$ 438.00

- ☒ Checks in the amount of \$438.00 (filing fee) and \$40.00 (assignment fee) are enclosed.
- ☒ The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-2426 (22851-P001US). **A duplicate copy of this sheet is enclosed.**
 - ☒ Any additional filing fees required under 37 CFR §1.16
 - ☒ Any patent application processing fees under 37 CFR §1.17

Respectfully submitted,

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Serial No:
Filed: (herewith)
Title: SYSTEM AND METHOD FOR PROCESSING IMPORT/EXPORT TRANSACTIONS

Attorney's Docket:
22851-P001US

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 C.F.R. §§ 1.9(f) and 1.27(c)) -- SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: CustomsPoint, Inc.

Address of Small Business Concern: 309 9th Street, Pflugerville, Texas 78660

I hereby declare that the above-identified small business concern qualifies as a small business concern, as defined in 13 C.F.R. § 121.12, and reproduced in 37 C.F.R. § 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office under Sections 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to, and remain with, the small business concern identified above, with regard to the invention described in

- ☒ the specification filed herewith, with title as listed above.
☐ the application identified above.
☐ the patent identified above.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor(s), who would not qualify as an independent inventor under 37 C.F.R. § 1.9(c), if the person made the invention, or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d) or a nonprofit organization under 37 C.F.R. § 1.9(e).

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Each such person, concern or organization having any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.
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Name: (N/A)

Address:

- ☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

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Address:

- ☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing: Cliff Burke Thompson

Title of Person, if Other Than Owner: President

Address of Person Signing: 309 9th Street, Pflugerville, Texas 78660

SIGNATURE: 

Date: 5/23/00

SYSTEM AND METHOD FOR PROCESSING IMPORT/EXPORT TRANSACTIONS

TECHNICAL FIELD

5 The present invention relates in general to processing customs transactions, and in particular, to the automation of the processing and storage of parts and tariff number assignments with summarization for customs reporting purposes utilizing the Internet.

BACKGROUND INFORMATION

10 For thousands of years people of the world have engaged in trade. Trade fuels economies, creates jobs, increases the selection of goods available to consumers, and promotes the diffusion of cultures. In many countries, including the United States ("U.S."), one of the earliest sources of revenue to the government was the assessment of duties against imported goods. Until recently, each country tended to use their own singular system for categorizing imported goods. Since 1988, many countries of the world have begun using a
15 harmonized system of tariff classification that was adopted at the International Convention on the Harmonized Commodity Description and Coding System. As a result, the tariff number

headings and sub-headings are now the same in any country that is a signatory to the Harmonized System Convention. The tariff numbers and commodity descriptions are published by each country and mandated to be used for almost every imported item. The tariff numbers provide governments a systematic way to categorize all imported goods, to make duty assessments, to gather trade statistics, to share trade data with other countries, and for other purposes. In most countries, the tariff number must be determined and reported at the time of export and then at the time of importation into the destination country. For shipments between countries that have adopted the Harmonized System Convention, the assigned tariff numbers have validity in both countries.

U.S. importers are required by law to take responsibility for providing to U.S. Customs the correct tariff classification for each imported item and to pay the correct duty on the goods imported. In common U.S. business practice the importer employs the services of a customhouse broker to handle most aspects of their import customs clearances. However, with passage of the Customs Modernization Act in 1993 the importer became fully liable for the accuracy of information presented - regardless of who does the customs compliance work.

The process of identifying and assigning tariff numbers to commodities is often inexact, tedious, and manually performed. Much of the information and resources necessary for accurate tariff processing may not be available to the customs broker. Importers and customs brokers spend a large amount of time assigning tariff numbers to imported goods. And, it is not uncommon for this process to be performed repeatedly for the exact same commodity due to

the inability to access the information that may have already been determined during a previous importation. Working against the legal requirement for accurate tariff number identification is the time pressure to obtain release of the goods quickly. The later objective often compromises the integrity of accurate tariff assignment.

5 Additionally, the tariff processing is often performed by individuals who are poorly trained and who are burdened with many other imports to simultaneously process. Complex tariff number assignments and high item count imports require an especially large amount of time to process. This time is often not available to the average customs broker. Nevertheless, the importer may still be subject to severe fines, penalties, and sanctions should their customs information be found to be inaccurate.

10 To further elucidate the process and its greater context, consider a typical air freight import transaction. When the goods are ready to be exported from the foreign country, the shipper will prepare a commercial invoice. The invoice accompanies the goods as they are transported to the departure airport. In most countries (and depending upon terms of shipment) the exporter will contact a freight forwarder who will coordinate transportation of the goods, prepare and submit export clearance documents (containing HTS numbers), and will book the cargo with an airline. The freight forwarder also prepares bills of lading as a contract of carriage for the goods. Both the invoice and the bill of lading as a contract of carriage for the goods. Both the invoice and the bill of lading are distributed to the import clearance agent in the U.S. Upon importation, the importer's designated Customhouse broker

prepares and submits Customs entry paperwork (containing HTS numbers) to U.S. Customs in order to obtain release of the goods.

During the preparation of the Customs entry paperwork, a Harmonized Tariff Number must be assigned to each item listed on the import invoice(s). In common practice, the Customs broker uses inefficient and imprecise manual methods to determine and assign the HTS numbers. The extensive contents of the Harmonized Tariff Schedule are perused (containing over 8000 HTS numbers), handwritten notes are consulted, files of previous importations are pulled, and/or printed lists may be consulted. The accuracy of this process can also be impaired by the common usage of Customs brokerage agents who are inadequately trained and who are burdened with many other imports to simultaneously process. In conjunction with the HTS assignment process, the Customs broker extracts additional information from the invoice, the bill of lading(s), and other supporting documents. The information is then submitted to U.S. Customs electronically or on paper using forms, protocols, and formats proscribed by Customs. Complex tariff number assignments and high item count importations require an especially large amount of time to process. This time is often not available to a Customs broker. Nevertheless, the importer may still be subject to severe fines, penalties, and sanctions should their Customs information be found to be inaccurate.

An exportation from the U. S. is performed in a manner similar to the process just described for importation. In particular, the process of assigning HTS numbers for export purposes is still usually performed using inefficient and inaccurate manual methods.

The problem with the foregoing process is that the tariff classification has to be performed manually by a customs broker having to identify the goods, and then manually compare that identification in a tariff classification book, and then manually entered into proprietary systems to calculate any duties owed to the government customs office. Such a manual process is tedious, expensive, time consuming and prone to errors. Therefore, what is needed is a system whereby the importer can take an active role in managing their commodity/tariff number assignments prior to importation; when most tariff decisions have already been made prior to an importation; and when the predetermined tariff numbers can be quickly and efficiently assigned to each associated imported item. For review and use by parties to the import or export transaction.

SUMMARY OF THE INVENTION

The present invention addresses the above needs by implementing a Product Classification Database (PCD), which consists of a database and interface that utilizes Internet standards and protocols to enable users to input and retrieve commodity information and the associated tariff information through an Internet site. In addition, the database will be written so as to match most standards accepted today by companies utilizing supply chain management software systems.

The PCD is designed to meet the needs of importers, customs brokers, and freight forwarders handling the importation/exportation of products with multiple tariff classifications per importation/exportation. Because the PCD is Internet based, authorized users will be able to access the database from any PC with Internet access and will be able to create product databases, update/add/delete items from existing databases, and perform various reporting and archiving functions. Authorized users will be able to upload invoice information either electronically or manually. The application will support the electronic upload of data stored in certain commonly recognized formats such as Microsoft Excel® spreadsheets, Word and ASCII. Once the invoice data is uploaded, the application will automatically assign tariff numbers to all the recognized invoice items and will generate a summary report in a form

appropriate for incorporation into a customs entry.

The PCD can be hosted on a proprietary website.

More specifically, a customer will utilize the Internet website to create databases that provide for the storage and retrieval of product and tariff classification data - product ID number, product description, tariff number, units of measure, etc. This information is in turn used to process import invoices and summarize information necessary for the creation of a customs entry. The database can be managed by an importer, exporter, or their assigned and authorized agents.

The database can then be utilized by sending invoice information into the website using electronic or manually entered data. The invoice information will be matched against the online database, the associated tariff numbers assigned, and then a summarized report is output for use in preparing a customs entry or export declaration.

After the invoice and database information have been processed and the appropriate tariff numbers assigned, an invoice record is created. This record can be downloaded to any entity that has authorization to access this account on the Internet site. This invoice record set can be utilized by the importer or that assignee to facilitate import or export declarations.

The invoice information is retained at the website and is available to any authorized party with access to this account or the Internet. The historical invoice data is also available for

analysis using tools provided at the website.

One advantage of the present invention is that it provides the importer or exporter with the means to actively manage import or export data (particularly tariff classifications) - from anywhere in the world with Internet access, collaboratively, and in real time.

Another advantage of the present invention is that it enhances compliance with applicable import/export regulations by providing a systematic, easily accessible, and user friendly means for managing tariff classification data. Improvements in compliance reduce the importer's risk of incurring fines, penalties, and other sanctions.

In addition, another advantage is that the classified invoice is also stored for access by authorized parties for summary information required by the business utilizing the website application tool.

A further advantage of the present invention is that it provides up-to-date vital information regarding the import/export transaction.

Yet still another advantage of the present invention is that it will serve as a resource for tariff classification assistance that will improve accuracy and efficiency.

Yet another advantage of the present invention is that it serves to enhance customs broker/freight forwarder capabilities by allowing them to process more entries per worker more efficiently. Yet another advantage is it serves to reduce the number of errors associated

with the classification process.

The foregoing has outlined rather broadly the features and technical advantages of the present invention in order that the detailed description of the invention that follows may be better understood. Additional features and advantages of the invention will be described hereinafter which form the subject of the claims of the invention.

5

BRIEF DESCRIPTION OF THE DRAWINGS

For a more complete understanding of the present invention, and the advantages thereof, reference is now made to the following descriptions taken in conjunction with the accompanying drawings, in which:

FIGURE 1 illustrates the import/export system and method of the present invention;
FIGURE 2 illustrates a data processing system configurable in accordance with the present invention; and

FIGURE 3 illustrates further detail of the import/export system and method of the present inventions.

DETAILED DESCRIPTION

In the following description, numerous specific details are set forth such as specific hardware configurations to provide a thorough understanding of the present invention. However, it will be obvious to those skilled in the art that the present invention may be practiced without such specific details. In other instances, well-known circuits have been shown in block diagram form in order not to obscure the present invention in unnecessary detail. For the most part, details concerning timing considerations and the like have been omitted in as much as such details are not necessary to obtain a complete understanding of the present invention and are within the skills of persons of ordinary skill in the relevant art.

Refer now to the drawings wherein depicted elements are not necessarily shown to scale and wherein like or similar elements are designated by the same reference numeral through the several views.

The present invention implements an Internet application that will enable importers and customs brokers to create and access an online database of parts and tariff information that will facilitate tariff classification compliance,

reduce the time needed for tariff number assignment, and enhance a company's tariff

maintenance and reporting capabilities.

The present invention automates the process of tariff number assignment for import and export transactions. Generally, all countries require some sort of statistical reporting that involves a tariff or classification number for a particular item or commodity being bought and sold with respect to an import or export transaction, along with an accompanying description. Further, with such an import or export transaction, there is usually some sort of duty or tariff rate associated with the particular item when it either leaves or enters a particular country. Hereinafter, the present invention will be described with respect to an import transaction 101, but is also applicable in the same manner with respect to an export transaction. Associated with an import transaction 101, an invoice or invoices 102 will be generated in accordance with the purchase agreement for the imported goods, whereby the invoice 102 will include a list of the items to be bought and imported. The invoice 102 will have a list of the part numbers or commodities involved in that transaction as being exported or imported.

FIGURE 3 illustrates further detail of a sample invoice 102 where the invoice header includes the invoice number, reference numbers, the identification of the seller, the identification of the buyer, the date and any other details. The invoice detail includes the product identification, a possible description for each of the products, the quantity shipped, unit price, and line total.

Returning the FIGURE 1, box 103 represents that in addition to customshouse brokers, an importer or exporter usually contracts for the services of freight forwarders and/or international integrators or consolidators. Their job is to plan, implement, and coordinate the logistics of moving the goods. They are responsible for ensuring the products are picked up at origin, the proper documents (i.e., bills of lading, export documents, import documents and declarations) are generated, and the movement of freight to its destination is completed. Hereinafter, "imports" will refer to all entities instigating an import or export process, including those in box 103. In accordance with an embodiment of the present invention, the importer can then send the invoice in an electronic format via the Internet 104 to an Internet website 105 (with secure access if needed). If the importer does not have an ability to send an electronic version of the invoice 102 to the website 105 (the invoice remains as a paper invoice (step 107)), then the importer can in step 108 manually input the invoice data at the website 105. For example, website 105 can implement data entry fields for permitting the importer to enter part numbers, descriptions and quantities.

Nevertheless, the part numbers entered into the website 105 are matched in step 109 to a central database of customer parts and tariff classification information 110. FIGURE 3 illustrates how the product/database 110 includes product ID's corresponding tariff numbers, corresponding tariff descriptions, duty rates, etc. The product ID's within the invoice 102 and

the database 110 are matched in step 109.

Furthermore, step 111 shows that a customer or website administrator can update and maintain the part/classification database 110 by adding, editing, or deleting records.

The comparison process in step 109 can be implemented through a process whereby each of the part numbers (or other product identifier (ID)) from the invoice 102 are compared to part numbers within the database 110, which will then output a corresponding tariff classification for each part number.

Database 110 can be viewed in step 113 by an administrator, and reports 112 can be generated so that the system administrator or customer can track such statistics as how many times a particular customer accesses the database 110.

In step 114, not only is each part number in the invoice associated with a tariff classification or number, but the process can also produce an automatic estimation of any duties owed.

Database 115 keeps a record of every transaction, which can be used for future reference.

In step 116, a customs entry report is compiled for the import transaction, and then a master report is created to facilitate the preparation of the customs entry. The customs entry report is sorted by tariff numbers and a value is summed for each of the tariff numbers. The

master report created in 117 is essentially a summarized invoice. Thereafter, the invoice can be downloaded directly into a customs broker's system 118 for subsequent automatic transmission to the appropriate customs entity. As a result, a custom house broker 118 can access the master report from the Internet site 105 for a print out, download the file, or the file can be sent through a direct interface with the Automated Broker Interface software or similar system. The custom house broker 118 can then utilize this master report within their own automated systems to transmit to the appropriate customs authority.

FIGURE 3 illustrates how the black box/application 301, which comprises one or more of the steps 114 and 116 utilize the quantity and line total information from the invoice 102 and the tariff classification, unit of quantity, and duty rate information from the database 110 to build a data record for each invoice and to compile a customs entry report, which is eventually translated into an outputted master report 117

The present invention can also implement other value-added functions, such as providing other services that might support an import activity 106, link up a harmonized tariff schedule 119 in a split screen, or any other reference databases 120, such as links to the Food and Drug Administration, or to other legal reporting agencies. Further, copies of the master reports can also be maintained as customer-based information 121 for each of the customer's transactions through this system, which will enable periodic reports to be created, etc.

As can be seen by FIGURE 1, the present invention can be implemented over a network, such as the Internet, using computers, routers, servers, etc. Each of these components comprises a data processing system in a manner as illustrated in FIGURE 2.

Referring to FIGURE 2, an example is shown of a data processing system 200 which may be used for components of the invention. The system has a central processing unit (CPU) 210, which is coupled to various other components by system bus 212. Read only memory ("ROM") 216 is coupled to the system bus 212 and includes a basic input/output system ("BIOS") that controls certain basic functions of the data processing system 200. Random access memory ("RAM") 214, I/O adapter 218, and communications adapter 234 are also coupled to the system bus 212. I/O adapter 218 may be a small computer system interface ("SCSI") adapter that communicates with a disk storage device 220. Communications adapter 234 interconnects bus 212 with an outside network enabling the data processing system to communicate with other such systems. Input/Output devices are also connected to system bus 212 via user interface adapter 222 and display adapter 236. Keyboard 224 and mouse 226 are interconnected to bus 212 via user interface adapter 222. Display monitor 238 is connected to system bus 212 by display adapter 236. In this manner, a user is capable of inputting to the system throughout the keyboard 224 or mouse 226 and receiving output from the system via display 238.

Preferred implementations of the invention include implementations as computer systems programmed to execute the method or methods described herein, and as a computer program product. According to the computer system implementation, sets of instructions for executing the method or methods are resident in the random access memory 214 of one or more computer systems configured generally as described above. Until required by the computer system, the set of instructions may be stored as a computer program product in another computer memory, for example, in disk drive 220 (which may include a removable memory such as an optical disk or floppy disk for eventual use in the disk drive 220). Further, the computer program product can also be stored at another computer and transmitted when desired to the user's work station by a network or by an external network such as the Internet. One skilled in the art would appreciate that the physical storage of the sets of instructions physically changes the medium upon which it is stored so that the medium carries computer readable information. The change may be electrical, magnetic, chemical, biological, or some other physical change. While it is convenient to describe the invention in terms of instructions, symbols, characters, or the like, the reader should remember that all of these and similar terms should be associated with the appropriate physical elements.

Note that the invention may describe terms such as comparing, validating, selecting, identifying, or other terms that could be associated with a human operator. However, for at

least a number of the operations described herein which form part of at least one of the embodiments, no action by a human operator is desirable. The

operations described are, in large part, machine operations processing electrical signals to generate other electrical signals.

Although the present invention and its advantages have been described in detail, it should be understood that various changes, substitutions and alterations can be made herein without departing from the spirit and scope of the invention.

WHAT IS CLAIMED IS:

1 1. A method for processing import/export transactions over a network, comprising the
2 steps of:

3 inputting invoice data associated with an import/export transaction at a first terminal
4 coupled to the network, wherein the invoice data includes a product identifier identifying a
5 product to be transported in the import/export transaction;

6 transferring the invoice data from the first terminal to a server hosting a database of
7 product identifiers and tariff classification information particular to each of the product
8 identifiers;

9 matching the product identifier identifying the product to the product identifiers in the
10 database; and

11 outputting a data record in response to the matching step, wherein the data record
12 includes tariff classification information associated with the product identifier identifying the
13 product.

1 2. The method as recited in claim 1, wherein the step of outputting the data record
2 includes the step of e-mailing the data record to a second terminal coupled to the network.

1 3. The method as recited in claim 1, wherein the step of outputting the data record
2 includes the step of downloading the data record to a second terminal coupled to the network.

1 4. The method as recited in claim 1, wherein the step of outputting the data record
2 includes the step of printing the data record.

1 5. The method as recited in claim 3, wherein the data record is downloaded in response
2 to access of the data record in the server by a second terminal using a web browser.

1 6. The method as recited in claim 1, wherein the inputting step further comprises the step
2 of:
3 electronically transmitting the invoice data from the first terminal to the server.

1 7. The method as recited in claim 1, wherein the inputting step further comprises
2 the step of inputting the invoice data into a web site associated with the database.

1 8. The method as recited in claim 1, further comprising the step of:

2 updating the database from a third terminal coupled to the network.

- 1 9. The method as recited in claim 1, further comprising the step of:
2 recording results of the matching step into a transaction database hosted by the server.

1 10. A system for processing import/export transactions over a network, comprising:
2 means for inputting invoice data associated with an import/export transaction at a first
3 terminal coupled to the network, wherein the invoice data includes a product identifier
4 identifying a product to be transported in the import/export transaction;
5 means for transferring the invoice data from the first terminal to a server hosting a
6 database of product identifiers and tariff classification information particular to each of the
7 product identifiers;
8 means for matching the product identifiers identifying the product to the product
9 identifiers in the database; and
10 means for outputting a data record in response to the matching of the product identifier
11 identifying the product to the product identifiers in the database, wherein the data record
12 includes tariff classification information associated with the product identifiers identifying the
13 product.

1 11. The system as recited in claim 10, wherein the outputting means includes a means for
2 e-mailing the data record to a second terminal coupled to the network.

1 12. The system as recited in claim 10, wherein the outputting means includes a means for
2 downloading the data record to a second terminal coupled to the network.

1 13. The system as recited in claim 10, wherein the outputting means includes a means for
2 printing the data record.

1 14. The system as recited in claim 12, wherein the data record is downloaded in response
2 to access of the data record in the server by the second terminal using a web browser, wherein
3 the network is the Internet.

1 15. The system as recited in claim 10, wherein the inputting means further comprises:
2 means for electronically transmitting the invoice data from the first terminal to the server.

1 16. The system as recited in claim 10, wherein the inputting means further comprises means
2 for inputting the invoice data into a web site associated with the database.

1 17. The system as recited in claim 10, further comprising:

2 means for updating the database from a third terminal coupled to the network.

1 18. The system as recited in claim 10, further comprising:

2 means for recording results of the matching step into a transaction database hosted by
3 the server.

1 19. A system for processing import/export transactions over the Internet, comprising:
2 a server, coupled to the Internet, hosting a database of product identifiers and
3 corresponding import/export transaction information.

4 a first computer, coupled to the Internet, operable for uploading invoice data, containing
5 at least one product identifier associated with an import/export item, to the server over the
6 Internet;

7 a program operable for matching the at least one product identifier with a product
8 identifier contained in the database of product identifiers and outputting a data record including
9 import/export transaction information corresponding to the at least one product identifier, and

10 a second computer, coupled to the Internet, operable for accessing the data record
11 over the Internet.

1 20. The system as recited in claim 19, wherein the first computer uploads the invoice data
2 via a web link associated with the server.

1 21. The system as recited in claim 19, wherein the second computer accesses the data
2 record via web link between the second computer and the server.

1 22. The system as recited in claim 19, wherein the data record is transformed into a
2 customs report for transmittal to a customs entity.

1 23. The system as recited in claim 19, further comprising:
2 a program operable for updating the database.

1 24. A computer program product adaptable for storage on a computer readable medium
2 and operable for processing an import/export transaction over the Internet, comprising:
3 first programming steps operable for establishing a first web page, accessible by a first
4 user at a first terminal coupled to the Internet using a web browser, that permits the first user
5 to input invoice data associated with an import/export transaction, wherein the invoice data
6 includes a product identifier for a product to be transported in the import/export transaction;
7 second programming steps operable for matching the product identifier included in the
8 invoice data to a database of product identifiers and corresponding tariff classifications resulting
9 in an output of a data record containing a tariff classification matched with the product identifier
10 identifying the product to be transported in the import/export transaction; and
11 third programming steps operable for establishing a second web page, accessible by
12 a second user at a second terminal coupled to the Internet using a web browser, that permits
13 the second user to output the data record through the second web page.

1 25. The computer program product as recited in claim 24, wherein the database is stored
2 on a server coupled to the Internet.

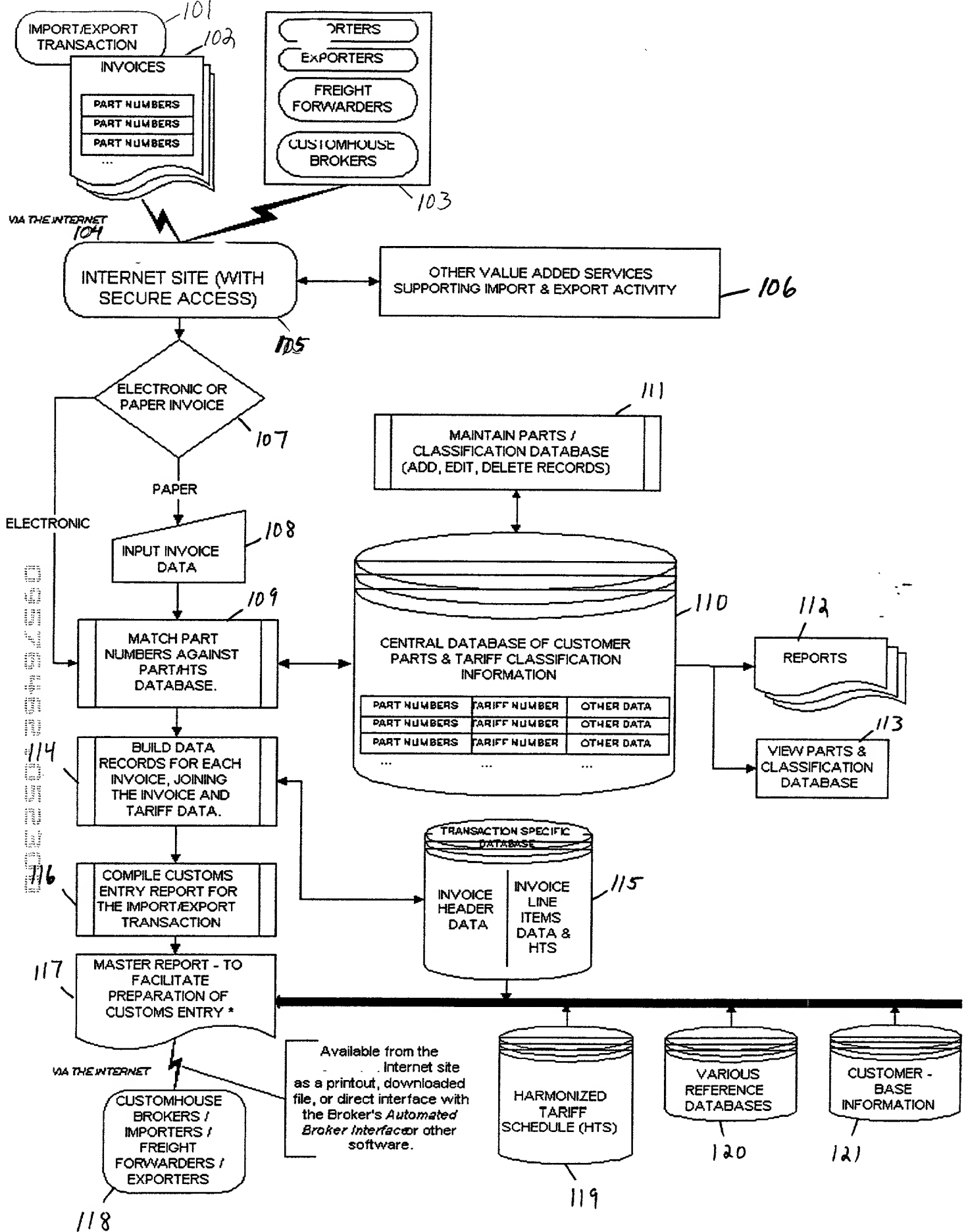
1 26. The computer program product as recited in claim 24, further comprising:
2 fourth programming steps operable for establishing a third web page, accessible by a
3 third user at a third terminal coupled to the Internet using a web browser, that permits the third
4 user to update the product identifiers and corresponding tariff classifications in the database.

SYSTEM AND METHOD FOR PROCESSING IMPORT/EXPORT TRANSACTIONS

ABSTRACT OF THE DISCLOSURE

Import/export transactions whereby an item is to be transported from one country to another are automated. An invoice containing a list of one or more part numbers is entered in at a web site and loaded to a server containing a database. A database is of part numbers and their corresponding tariff classification numbers. The uploaded invoice will be compared to the database to output a data record whereby the one or more part numbers uploaded in the invoice now have tariff classification numbers and daily calculation associated therewith. This data record can then be accessed over the Internet at another web site by a customs broker for use in transmitting a report to a customs entity.

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207:22851/P001US



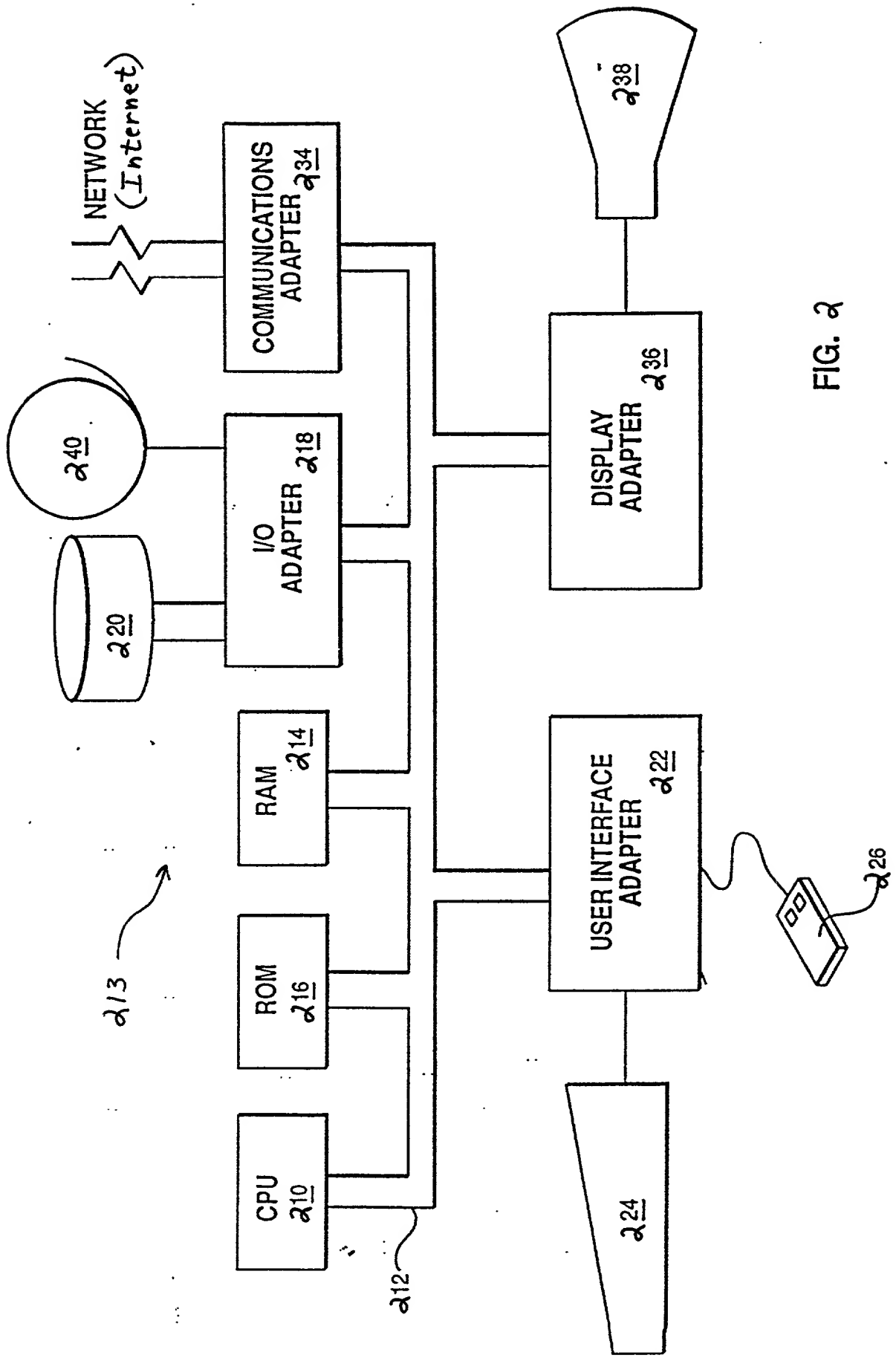


FIG. 2

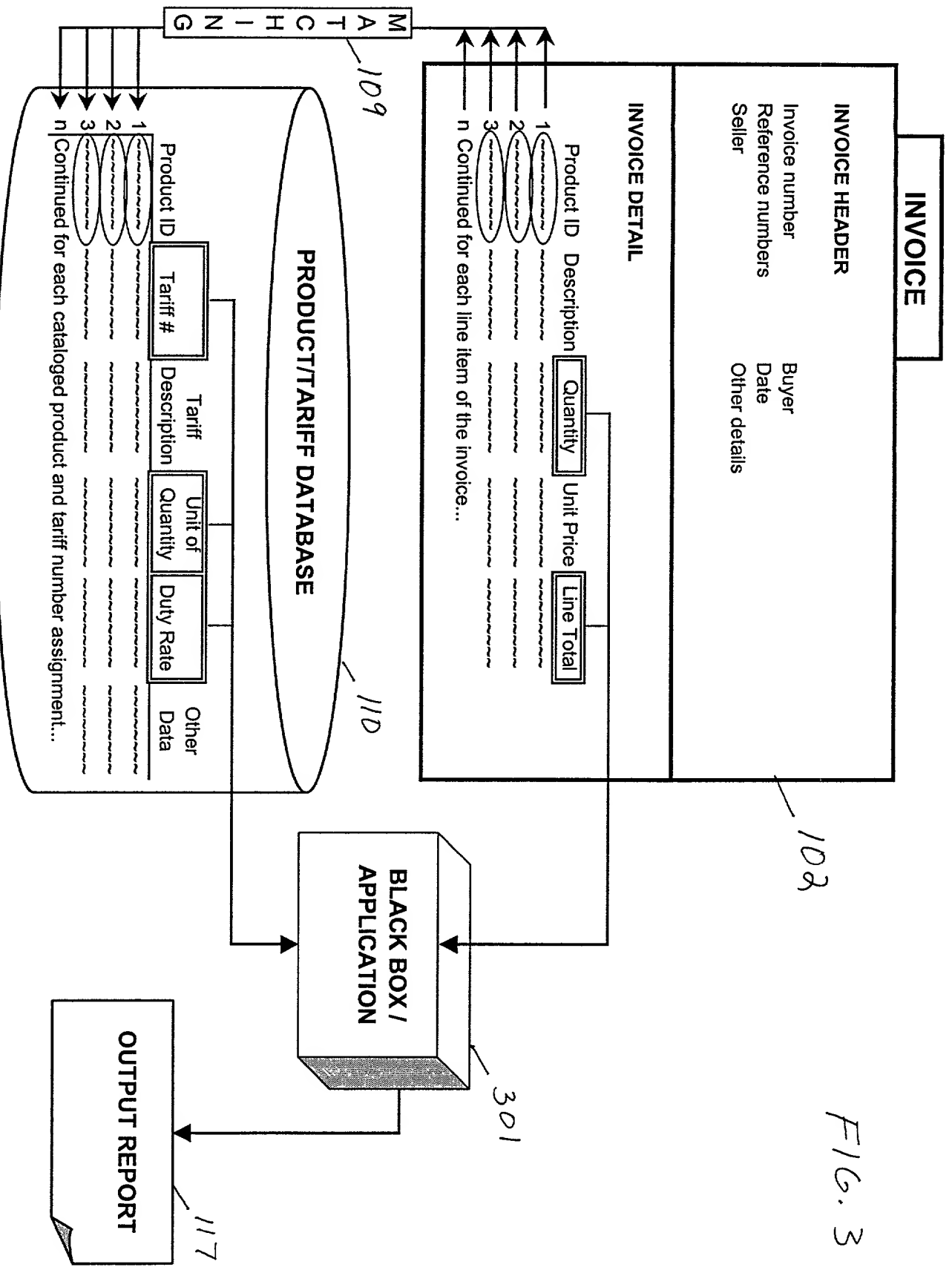


FIG. 3

FIG. 3 is a flowchart illustrating a process for generating an output report from an invoice. The process starts with an invoice (102) which includes an invoice header (103) and an invoice detail (104). The invoice detail (104) includes a table (105) with columns for Product ID, Description, Quantity, Unit Price, and Line Total. The Product ID column (106) is linked to a Product/Tariff Database (110) via a Matching process (109). The Product/Tariff Database (110) includes a table (111) with columns for Product ID, Tariff #, Description, Unit of, Quantity, Duty Rate, and Other Data. The Matching process (109) identifies the Product ID in the invoice detail (104) with the Product ID in the Product/Tariff Database (110). The identified Product ID is then used to retrieve the corresponding Tariff #, Description, Unit of, Quantity, Duty Rate, and Other Data from the Product/Tariff Database (110). This data is then processed by a Black Box / Application (301) to generate an Output Report (117).

**DECLARATION AND POWER OF ATTORNEY FOR
PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SYSTEM AND METHOD FOR PROCESSING IMPORT/EXPORT
TRANSACTIONS**

the specification of which (check one)

- ☒ is attached hereto.
- ☐ was filed on _____
as Application Serial No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed

(Number) (Country) (Day/Month/Year) ☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial #) (Filing Date) (Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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22851-P001US

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